

US – INDIA AVIATION COOPERATION PROGRAM (ACP)

MISSION

- → The U.S.-India Aviation Cooperation Program (ACP) was established in 2007 as a public-private partnership between the U.S. Federal Aviation Administration (FAA), the U.S. Trade and Development Agency (USTDA), the U.S. Departments of Commerce and State, Transportation Security Administration and U.S. Companies.
- → The ACP supports the growth of the Indian civil aerospace sector by working directly with the Government of India (GOI) to identify and execute projects that encourage collaborations between US and Indian stakeholders, in the area of aerospace technology and best practices.

OBJECTIVE

- ✤ Promote greater engagement between US and Indian Government agencies and industry to enhance civil aviation in India.
- ✤ Undertake projects that advance Cooperation in domains such as aviation safety, security, regulatory oversight and management.
- → Provide training and technical assistance to accelerate excellence in aviation operations.
- → Within India, increase awareness of, and facilitate access to, US expertise, technology and best practices to assist India's aviation growth.

PRIORITIES

1. Foster and continue to develop stronger government to government ties

- a. RTMs to show case US strengths in multi hub operations, cargo/logistics, security and safety technology, air space integration and management
- b. System Safety Approach: Promote risk-based data-driven decision making that is built on Safety Management System (SMS) principles to proactively address emerging safety risk by using data to make safer and smarter decisions
- c. Support streamline regulatory process, harness innovation, and deploy new concepts, procedures and technology while maintaining environmental stewardship
- d. Continued engagement to improve airport operations, safety, capacity, and innovation
- e. Foster growth and safe integration of Unmanned Aircraft Systems operations in the present airspace ecosystem
- f. Foster development of robust cyber security platform for applications in civil aviation
- g. Explore a new paradigm in air traffic management to integrate UAS, Drones etc and to facilitate industry partners' program from low risk Visual Line of Sight (VLOS) operations to complex operations.
- h. Training and sharing of best practices on aviation operations, safety, and certification

2. <u>Air Logistics and Cargo</u>

- a. Provide US expertise and technology to help modernize and improve efficiency of India aviation supply chains
- b. Foster interactions and partnership between U.S.-India aviation cargo industries
- c. Share knowledge and assist in development of Cargo Specific Airport Development and RCS style subsidy for cargo services

3. Aviation Maintenance Repair and Overhaul (MRO)

- a. Explore opportunities for industry to partner on India's vision to develop an MRO hub
- b. Industry-led MRO training to meet expected new demand
- c. Creation of multiple aviation related parts bank to support MRO and airlines in the region

4. <u>Aviation Training</u>

- a. Foster partnership between ACP, Indian Airlines and Stakeholders, Global Universities and RGNAU to develop a world class Aviation University
- b. Provide industry-led cooperation to accelerate excellence in airline operations and management
- c. Assist in Development of advanced studies in Aviation Management (Aviation School) and Aviation Center of Excellence

5. Aviation Security

- a. Cyber security, 5G integration and roll out
- b. Upstream US bound cargo screening policy development, undertake projects to enhance cargo screening efficiency and effectiveness
- c. Undertake projects that investigate use of digital technology and analytics to make airport passenger flows more efficient
- d. Facilitate government to government interactions on transport security best practices and lessons learned
- e. Facilitate implementation of seamless process for security access/clearances to aviation facilities for technical experts, pilots & engineers to promote technical cooperation and interaction
- f. Standardize validation of CT field-performance and evaluate a predictive maintenance program
- g. Undertake projects to enhance touchless screening and security by evaluating and validating the performance of checkpoint CTs, security scanners, and ASLs

6. <u>Airspace Optimization</u>

- a. Continue cooperation on Communication, Navigation and Surveillance/Air Traffic Management (CNS/ATM) modernization building on developed roadmap
- b. Foster US-India government and industry interactions on Unmanned Traffic Management (UTM) implementation in India and explore inclusion in overall CNS/ATM roadmap
- c. Safe airspace integration, framework and policy for regulatory capacity building on UTM and Air Taxis
- d. Safe integration of commercial space launch and re-entry into the current airspace infrastructure for Commercial Space Transportation (CST).

7. <u>Sustainability</u>

- a. Digitalization and cost optimization of RCS small airports (3-4 tier cities)
- b. Foster U.S.-India government and industry cooperation in furtherance of national and international aviation sustainability and climate goals
- c. Work on creating guidelines and execution of green civil aviation (Sustainable aviation fuel, Electric Aircraft, Hydrogen technology etc)
- d. Ease of doing business related to induction of already ordered new equipments, aircrafts etc.

8. <u>Interest in Helicopter manufacturing in India – need assistance in complete manufacturing</u>

- a. Facilitate cooperation, joint development and available incentives for manufacturing
- b. Identify and assist in sharing best practices related to Helicopters operations opportunities and to increase the economic viability of their usage
- c. Evaluate export options for made in India helicopters





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PUBLIC MEMBERS



CORPORATE MEMBERS



